REMARKS/ARGUMENTS

The Applicant has carefully considered this application in connection with the Examiner's Final Office Action electronically delivered August 24, 2010 (hereinafter "Office Action") and the Advisory Action electronically delivered November 4, 2010 (hereinafter "Advisory Action"). The Applicant respectfully requests reconsideration of this application in view of the foregoing amendment and the following remarks.

The Applicant originally submitted Claims 1-28 in the application. In previous responses, the Applicant added Claims 29-30 and canceled Claims 23-29 without prejudice or disclaimer. In the present response, the Applicant has amended Claims 1, 10, 16, 22, and 30 to clarify existing limitations to these claims. Support for this amendment can be found, *e.g.*, on pages 6-7 and 10-12 of the original specification. Additionally, Claims 1, 22, and 30 have been amended to address pending objections to these claims. Claims 31-32 have been added but only combine limitations previously presented. Claims 11and 14 have been canceled without prejudice or disclaimer. Accordingly, Claims 1-22 and 30-32 are currently pending in the application.

I.   **Formal Matters and Objections**

In the Advisory Action, the Examiner stated that the IDS submitted on August 25, 2010 has not been considered because the IDS was filed after the Final Rejection of August 24, 2010 but a statement under 37 C.F.R. § 1.97(e) was not included. The present response, as noted above, is being filed with and RCE under 37 C.F.R. §1.114(c). Per 37 C.F.R. §1.97(b)(4), an IDS submitted before the mailing of a first office action after the filing of a request for continued examination under

§1.114 shall be considered by the Office. Accordingly, the Applicant respectfully requests the Examiner to consider the IDS.

In the Advisory Action, the Examiner objected to Claims 1, 22, and 30 as containing informalities. In response, as noted above, the Applicant has amended these claims consistent with the Examiner's direction in the Advisory Action. Accordingly, the Applicant respectfully requests the Examiner to withdraw the objection to these claims and allow issuance thereof.

II.   Rejection of Claims 1-22 an 30under 35 U.S.C. §103

In the Office Action, the Examiner rejected Claims 1-22 and 30 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 5,737,631 to Trimberger (hereinafter "Trimberger") in view of an article entitled "Configurable Multiplier Blocks for use within an FPGA", 1998 by Haynes, *et al.* (hereinafter "Haynes"), an article entitled "A Flexible LUT-Based Carry Chain for FPGAs", 2003 by Lodi, *et al.* (hereinafter "Lodi"), and U.S. Patent No. 7,176,713 to Madurawe (hereinafter "Madurawe"). The Applicant respectfully disagrees in view of the amendment.

At the end of the continuation sheet of the Advisory Action, the Examiner states:

…All that the claim requires is an instruction that includes configuration information.
What this information comprises is not claimed.

The Applicant believes the limitation "a dedicated hardware data processing facility dedicated to processing said data processing instructions…" recited in previously presented independent Claims 1, 22, and 30 restricts the configurable data processing instruction to class of data processing instructions which is processed by the data processing facility . However, in an effort to expedite allowance, the Applicant has, as noted above, amended previously presented independent Claims 1,

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22, and 30 (and included in newly presented independent Claims 31-32) to further define the instruction to specify that it includes data processing operands and that the opcode portion defines the operation to be carried out on the operands. In a fixed type data processing instruction, the opcode defines a fixed operation to be carried out (such as logical or arithmetic operations). In a configurable data processing instruction, the opcode includes configuration information which allows a user defined operation to be carried out on the operands in the configurable part of the machine. (*See, e.g.*, pages 6-7 and 10-12 of the original specification.)

As such, presently amended independent Claims 1, 22, and 30 and newly presented independent Claims 31-32 recite that the configurable data processing instruction includes the operands to be processed as well as the opcode defining configuration information which determines the operation to be carried out on the opcode. The cited portions of the cited combination of Trimberger, Haynes, Lodi, and Madurawe, as applied by the Examiner, do not teach or suggest at least these newly added features. As such, presently amended independent Claims 1, 22, and 30 and Claims that depend thereon and newly presented Claims 31-32 are novel and non-obvious over the cited combination as applied by the Examiner. Accordingly, the Applicant respectfully requests the Examiner to withdraw the §103(a) rejection of Claims 1-22 and 30 and allow issuance of the pending claims.
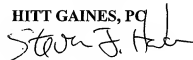
III.   Conclusion

In view of the foregoing amendment and remarks, the Applicant respectfully submits that all of the Claims currently pending in this application are in condition for allowance and therefore earnestly solicits a Notice of Allowance for Claims 1-22 and 30-32.

The Applicant requests the Examiner to telephone the undersigned agent of record at (972) 480-8800 if such would further or expedite the prosecution of the present application.   The Commissioner is hereby authorized to charge any fees, credits or overpayments to Deposit Account 08-2395.

Respectfully submitted,

HITT GAINES, PC

Steven J. Hanke
Registration No. 58,076

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P.O. Box 832570
Richardson, Texas 75083
(972) 480-8800

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